

## DIVISION 2 - SITEWORK

### SECTION 02020

#### EROSION AND SEDIMENT CONTROL

##### PART 1 - GENERAL

###### 1.1 SCOPE

- A. The work in this section shall include, but is not limited to, construction and maintenance of berms and dikes, temporary diversion barriers, sediment traps, siltation ponds, temporary vegetation covers, and other measures to prevent and control erosion and sedimentation.
- B. All work shown on the drawings and specified herein shall be performed in accordance with applicable state and local ordinances.

##### PART 2 - PRODUCTS - NOT USED

##### PART 3 - EXECUTION

###### 3.1 EROSION CONTROL

- A. It shall be the Contractor's responsibility to schedule his operations and perform the work in such a manner as to minimize soil erosion, from whatever cause, due to his operations.
- B. All construction work shall be conducted with a minimum of disturbance of the land area affected.
- C. Erosion control measures shall be placed prior to or as the first step in grading.
- D. All temporary earth berms, diversions, and silt dams shall be machine compacted and seeded and mulched for temporary vegetative cover immediately after being constructed.
- E. All underground pipe or utility lines shall be seeded and mulched for temporary or permanent vegetative cover within seven (7) calendar days after backfilling. No more than 500 feet of trench are to be open at any one time.
- F. Any area denuded between November 1st and March 15<sup>th</sup> shall be seeded or otherwise protected from erosion in accordance with the Virginia Sediment and Erosion Control Handbook. Temporary seeding must be approved by the OWNER and mulched within 15 days after completion of grading.

- G. No disturbed area will be denuded for more than 60 calendar days.
- H. Soil stockpiles that are to remain for more than 15 days shall be seeded and mulched or protected by other temporary cover.
- I. All cut and fill slopes shall be seeded and mulched within 7 days of completion of grading.

### 3.2 SEDIMENT CONTROL

- A. It shall be the Contractor's responsibility to perform the work in such a manner as to prevent the washing of any soil, silt or debris into any adjacent water course or onto adjacent properties.
- B. Sediment control measures as shown on the drawings and specified herein shall be installed as the first step in construction and shall not be removed until permanent cover is completely established and stabilized.
- C. In general, surface drainage from within the construction site and from borrow, waste and storage areas shall, if turbidity producing materials are present, be contained in suitable sediment catchment basins or ponds. If judged necessary by the Engineer, other temporary erosion and sediment control measures such as berms, dikes and drains shall be provided and maintained by the Contractor.

### 3.3 MAINTENANCE

- A. Erosion and siltation control measures shall be inspected daily by the site superintendent. Any damage to physical measures shall be repaired as soon as possible with temporary repair and protection from further damage completed by the close of the working day.

### 3.4 LIABILITY

- A. The Contractor agrees to hold the Owner or any of its agents harmless from any and all liability or damage that may arise out of a violation of the Erosion and Sediment Control Ordinance and agrees to indemnify them against any loss.

END OF SECTION